

# Umetco Minerals Corporation



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

**R E C E I V E D**

October 2, 1986

**OCT 3 1986**

**C. T. WENTZEL**

Mr. C. T. Wentzel  
Stratcor  
P. O. Box 66  
Niagara Falls, NY 14302

Subject. Decontamination of Plant and Disposal of Radioactive Waste

Dear Craig.

I am enclosing a copy of the manifest I received from Barnwell Waste Management Facility (Attachment 1). This acknowledges receipt and disposal of the nineteen 55-gallon drums of radioactive slag and soil from No. 30 Furnace and the one 55-gallon drum containing the radioactive samples from the Global area. The area immediately adjacent to No. 30 Furnace has been backfilled with crushed stone. An invoice from Dube Construction Company (Attachment 2) requesting payment for the completed job is enclosed.

The low level radioactive ilmenite from the pit in Building 24 and the low level radioactive slag, both of which contained less than .05% combined uranium and thorium, were disposed of by Chemical Waste Management, Inc. on June 18, 19 and 20. Copies of the respective invoices (Attachments 3 and 4) are enclosed. The pit in Building 24 was backfilled with crushed stone by Dube Construction Company on May 21 and 22. The invoice for the completed work (Attachment 5) is enclosed.

This concludes the removal of radioactive material and decontamination of the area within the Niagara Plant. This fulfills Item 1 of Exhibit E, Environmental Agreement (Niagara Falls) between Umetco Minerals and Strategic Minerals Corporation which reads:

(1) "Plant Buildings. Umetco further agrees to assume the cost of decontaminating the three areas of the plant which have been determined to be radioactive based upon Umetco's radiation survey of the plant."

UCCNHT0002109

Page 2  
October 1, 1986

Would you and Dr. Miller, as members of the Stratcor Environmental Coordination Committee for the Niagara Plant, acknowledge acceptance by signing the second copy of this letter and returning it to me.

Very truly yours,

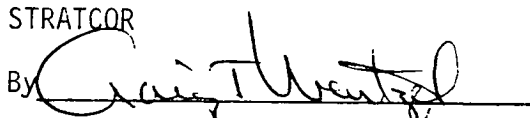


Donald J. Hansen

ACCEPTED.

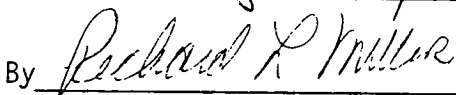
STRATCOR

By



Title Gen. Mgr. - USV / Niagara Falls

By



Title Director - Environmental Health Safety

/mau

Enclosures

cc: Messrs:

W. G. Beattie  
J. F. Frost  
T. J. Kagetsu  
F. V. McMillen  
D. G. Millenbruch  
R. L. Miller

UCCNHT0002110

(1) GENERATOR NAME Umetco Minerals Corp  
ADDRESS 137 47th Street

CITY Niagra Falls STATE NY  
CONTACT DJ Hansen PHONE 286-4028

(2) consigned to  
CHEM NUCLEAR SYSTEMS INC  
PO BOX 726 OSBORN ROAD  
BARNWELL SC 29812

## BARNWELL WASTE MANAGEMENT FACILITY

Operated by CHEM NUCLEAR SYSTEMS INC  
P O Box 726 Barnwell South Carolina 29812  
(803) 259 1781  
RADIOACTIVE SHIPMENT MANIFEST FORM

(3) USE THIS NUMBER ON  
ALL CONTINUATION PAGES

VOLUME ALLOCATION NO 09-86-254A PAGE 1 OF 3

CARRIER CNST ADDRESS Barnwell, SC  
TELEPHONE 803-259-1781 SHIPPING DATE 9-19-86  
SHIPMENT TYPE Van SHIPMENT SURFACE EXPOSURE 5.2 mR/hr  
CASK IDENTIFICATION NO USA/ NA  
SHIPMENT NO 86-28-25 LINER SERIAL NO NA  
DRIVER SIGNATURE M Northcraft DATE 9-19-86

(5) TOTAL FOR EACH CLASS	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
1	Radioactive Material, empty packages	UN2908
1	Radioactive Material, fissile n.o.s. - Radioactive Material	UN2918
1	Radioactive Material, low specific activity n.o.s. - Radioactive Material	UN2912
1	Radioactive Material, n.o.s. - Radioactive Material	UN2982
1	Radioactive Material, limited quantity n.o.s. - Radioactive Material	UN2910
1	Radioactive Material, special form n.o.s. - Radioactive Material	UN2974
1	Radioactive Material, instruments and articles - Radioactive Material	UN2911

(6) SHIPMENT TOTALS						
DISPOSAL VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES	ACTIVITY (10CFR20.311) Millicuries				SOURCE (Pounds)
		ALL ISOTOPES	TRITIUM	C 14	Tc 99	
150	20	<del>24</del> NP	NP	NP	NP	32.807

(7) TOTAL SNM	
ISOTOPE	GRAMS
U 233	NP
U 235	NP
TOTAL	NP

(8) TOTAL PALLET VOLUME (CU FT) 26.5

(9) MINIMUM % FILL FOR STABILIZATION PROCESS NA

(10) WASTE DESCRIPTION ore, slag, and ferro alloys mixed in self  
(11) PHYSICAL FORM Solid - 19 drums  
(12) CHEMICAL FORM AND NAME AND % OF CHELATING AGENT(S) 0% chel agent  
(13) WASTE FORM CLASS OXIDE

(14) ☒ Yes ☐ No THIS VEHICLE IS CONSIGNED EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(15) IMPORTANT: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature Donald J Hansen  
Company Umetco Minerals Corp

Date 9/19/86

Date 9/19/86 By Donald J Hansen  
Title and Organization Consignor  
Telephone No (716) 286-4028

CNSI USE ONLY

- ☒ This material meets all license requirements  
☒ This material was disposed of in accordance with license  
☐ Discrepancy

Date 9-26-86  
Authorized Signature Daniel Higginbotham Title H.P. SUP



# Umetco Minerals Corporation

INTERNAL  
CORRESPONDENCE



137 47TH STREET PO BOX 66 • NIAGARA FALLS NEW YORK 14302

ATTACHMENT 2

To (Name) Mr. K. E. Forrest  
Umetco Minerals Corporation  
Division Grand Junction, CO

Date October 1, 1986

Originating Dept

Location -

Area

Area

Answering Letter Date

Copy to Mr. J. F. Frost  
---

Subject Dube Invoice  
P. O. No. 250-07126

Dear Ken:

The enclosed invoice from Dube Construction Company is approved for payment. The work covers the backfilling around Furnace No. 30 where radioactive slag had been removed. Hopefully, this is the last time we will require Dube's services.

Regards,

  
Donald J. Hansen

/mau  
Enclosure

UCCNHT0002112

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

*Paving - Black Top Driveways - Trenching - Building - Trucking*

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

Oct. 1986

Umetco Minerals Corp.  
137 47th Street  
Niagara Falls N. Y. 14302  
Attn Mr. Donald Hansen  
P.O. #250-07126

Job location  
#6 Furnace Room

9/12/86

Ticket #6325

Truck & driver 3 hrs. @ \$32.00 per hr	\$ 96.00
Del. 10 tons of # 2 R.O.C. @ \$4.75 per ton	\$ 47.50
Service truck	\$ 20.00
1 labor 3 hrs. @ \$14.00 per hr	\$ 42.00
Small tools	N/C

\$ 215.50

State tax (mat only)

\$ 3.33

Total due

\$ 218.83

Thank You'

*Approved for payment*  
*D. Hansen*

TERMS 2% per month on unpaid balance

UCCNHT0002113

**Phones 731 3635 – 731 3616**

	TOTAL

RECEIVED

RECEIVED BY



CHEMICAL WASTE MANAGEMENT, INC.  
TECHNICAL SERVICE  
P.O. Box 200  
Model City, New York 14107

PAID  
THRU ADVANCE PAYMENT

net 30 days

ALL PAYMENTS TO BE MADE  
INTEREST AT THE RATE OF 10%  
THE MAXIMUM RATE PER ANNUUM  
WHICHEVER IS GREATER

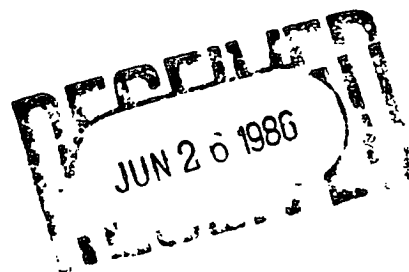
Umetco Minerals Corporation  
Accounting Department  
P.O. Box 1029  
Grand Junction, Colorado 81502

Ref. Cont. #250-07117  
INVOICE NUMBER  
00556 6/20/86

ATTACHMENT 3

Disposal of 75 69 tons of vanadium slag removed from  
the Umetco site located at 137 47th St., Niagara Falls, NY  
on June 18, 1986

*Approved for payment  
Hansen 7/3/86  
Charge # 34523-20301*



REMIT TO  
ADDRESS

P.O. Box 8000 Dept. 660  
Buffalo, NY 14267

PLEASE PAY  
THIS AMOUNT

\$13,548 00

ORIGINAL INVOICE

UCCNHT0002115



SCA Chemical Services, Inc.  
Model City Facility  
P.O. Box 200  
1550 Barmer Road  
Model City, New York 14107  
716-754-8231

June 20, 1986

UMETCO MINERALS CORPORATION  
Accounting Department  
P.O. Box 1029  
Grand Junction, Colorado 81502

Reference Cont.: #250-07117

Chemical Waste Management wishes to submit an invoice of \$13,548.00 for the disposal of 75.69 tons of vanadium slag removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on June 18, 1986

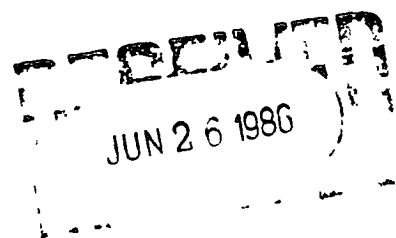
Attached please find three weight tickets verifying the tonnage of slag disposal at SCA/Chemical Waste Management, Model City, New York

Sincerely,

SCA CHEMICAL SERVICES, INC.  
MODEL CITY FACILITY

Gary Shirley  
Technical Service Manager

GS:sls



UCCNHT0002116





# SCA CHEMICAL SERVICES, INC.

1550 Balmer Road  
P O Box 200  
Model City, New York 14107

(716) 754-8231

CUSTOMER UMETCO

GROSS

===75680LB

WORK ORDER 106733

TARE

===35180LB

PROFILE F00590

HAULER Buffalo Fuel

40,500LB

TRUCK NUMBER 348 TRAILER NUMBER D49 NET

SCHEDULE TIME \_\_\_\_\_

RECEIVING: TIME IN 12.10 TIME OUT 12.15 INITIALS gc

EXPLANATION \_\_\_\_\_

LAB: TIME IN 12.20 TIME OUT 13.15 INITIALS Hz

EXPLANATION \_\_\_\_\_

PROCESSING: TIME IN 12.20 TIME OUT 13.11 INITIALS 1/1

EXPLANATION \_\_\_\_\_

OTHER: TIME IN \_\_\_\_\_ TIME OUT \_\_\_\_\_ INITIALS \_\_\_\_\_

EXPLANATION \_\_\_\_\_

-DRIVER SIGNATURE J. W. Leaver DEPARTURE TIME 2.30 pm

PLANT MANAGER SIG. \_\_\_\_\_ DATE 6-8-86

## TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time \_\_\_\_\_) 2.00

SPOTTING (No. of Days \_\_\_\_\_)

WASHING

OFF SPECS ( ) (see attached)

OTHER

TOTAL

**RECEIVED**  
JUN 26 1986



# SCA CHEMICAL SERVICES, INC.

1550 Balmer Road  
P O Box 200  
Model City, New York 14107

(716) 754-8231

CUSTOMER

Umetec

GROSS

72783LB

WORK ORDER

106734

TARE

30783LB

PROFILE

F60590

HAULER

BFC

TRUCK NUMBER

6564

TRAILER NUMBER

D37

NET

42,000 lbs

SCHEDULE TIME

RECEIVING:

TIME IN 12 30p

TIME OUT 12 42p

INITIALS

AD

EXPLANATION

LAB:

TIME IN 12 50

TIME OUT 1 15

INITIALS

RZ

EXPLANATION

PROCESSING:

TIME IN 12 15

TIME OUT 12 15

INITIALS

h

EXPLANATION

OTHER:

TIME IN

TIME OUT

INITIALS

EXPLANATION

DRIVER SIGNATURE

Jeff Johnson

DEPARTURE TIME

2:35pm

PLANT MANAGER SIG.

DATE

6/18/86

## TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time)

SPOTTING (No. of Days)

WASHING

OFF SPECS ( ) (see attached)

OTHER

TOTAL

JL-2 MS

JUN 26 1986



# SCA CHEMICAL SERVICES, INC.

1550 Balmer Road  
P O Box 200  
Model City, New York 14107

(716) 754-8231

CUSTOMER

Amiteo

GROSS

===98647LB

WORK ORDER

106735

TARE

===29787LB

PROFILE

F60590

HAULER

BFC

68,880 lbs

TRUCK NUMBER

333

TRAILER NUMBER

D53

NET

SCHEDULE TIME

RECEIVING:

TIME IN

12 43p

TIME OUT

12 47p

INITIALS

JOP

EXPLANATION

LAB:

TIME IN

12 55

TIME OUT

13 15

INITIALS

RZ

EXPLANATION

PROCESSING:

TIME IN

2 20

TIME OUT

2 30

INITIALS

/

EXPLANATION

OTHER:

TIME IN

TIME OUT

INITIALS

EXPLANATION

DRIVER SIGNATURE

Waller

DEPARTURE TIME

2:55pm

PLANT MANAGER SIG.

DATE

6/18/86

## TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time)

SPOTTING (No. of Days)

WASHING

OFF SPECS ( ) (see attached)

OTHER

TOTAL

JUN -2 1986

RECEIVED  
JUN 26 1986



*SCA*

CHEMICAL WASTE MANAGEMENT, INC.  
TECHNICAL SERVICE  
P O Box 200  
Model City, New York 14107

net 30 days

ALL PAST DUE AMOUNTS WILL BE CHARGED  
INTEREST AT TWO PERCENT PER MONTH OF  
THE MAXIMUM RATE ALLOWED BY LAW,  
WHICHEVER IS LESS

Umetco Minerals Corporation  
Accounting Department  
P.O. Box 1029  
Grand Junction, Colorado 81502

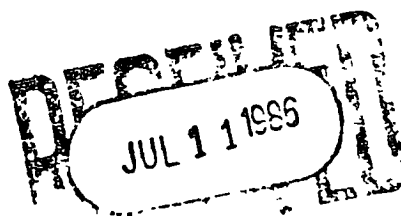
CUSTOMER ACCOUNT NUMBER

P.O. #250-07117

INVOICE NUMBER	INVOICE DATE	PAGE
00558	6/30/86	

ATTACHMENT 4

Disposal of 125 drums of Illmenite removed from Umetco site located  
at 137 47th Street, Niagara Falls, New York on 6/19/86 and 6/20/86



*OK  
7-21-86*

REMIT TO  
ADDRESS

P O Box 8000 Dept. 660  
Buffalo, New York 14267

PLEASE PAY  
THIS AMOUNT

\$14,200

(PLEASE RETURN THIS COPY WITH YOUR REMITTANCE)

UCCNHT0002120



SCA Chemical Services, Inc.  
Model City Facility  
P O Box 200  
1550 Balmer Road  
Model City, New York 14107  
716/754-8231

June 30, 1986

Umetco Minerals Corporation  
Accounting Department  
P O. Box 1029  
Grand Junction, Colorado 81502

Dear Sir:

Chemical Waste Management wishes to submit an invoice of \$14,200.00 against P.O #250-07117 for the disposal of 125 drums of Illmenite, (Hazardous Waste Chemical), removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on 6/19/86 and 6/20/86

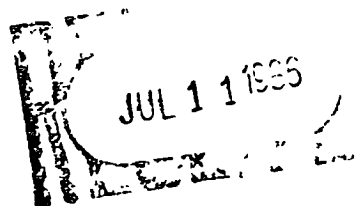
Please do not hesitate to contact me if I can be of further assistance.

Sincerely,

SCA CHEMICAL SERVICES, INC.  
MODEL CITY FACILITY

  
Gary Shirley  
Technical Service Manager

GS.sls



UCCNHT0002121

**Dube Construction Co.****GENERAL CONTRACTORS AND BUILDERS*****Paving - Black Top Driveways - Trenching - Building - Trucking***2267 LOCKPORT RD  
SANBORN N Y 14132

SANBORN 731 3635

Umeter Minerals Corp.  
P.O. Box 66  
137 47th St.  
Niagara Falls, NY 14320*Charge #14523-217-20301*Job Location  
Bldg. #124

5/21/86	Ticket #7312	Truck & Driver 5 hrs @ \$25.00 per hr	\$ 125.00
		Backhoe w/operator 5 hrs @ \$30.00 per hr	150 00
		Deliver 48.66 ton of ROC @ \$4.75 per ton	231.14
5/22/86	" #7311	Truck & Driver @\$25.00 per hr - 5 hrs	125.00
		Backhoe w/operator 8 hrs @ \$30 00 per hr	240.00
		1 Labor 8 hrs @ \$14.00 per hr	112.00
		Deliver 24.31 ton of ROC @\$4.75 per ton	<u>115.47</u>
		Tax on material only	<u>24 27</u>
		Total amount due	\$ 1122.88

Thank you

*Approved for payment*  
*6/4/86*  
*RR Sullivan*

**RECEIVED**

MAY 20 1986

PURCHASING DEPARTMENT

TERMS 2% per month on unpaid balance

UCCNHT0002122

# Umetco Minerals Corporation



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

September 26, 1986

Mr. C. T. Wentzel  
U. S. Vanadium Corporation  
P. O. Box 66  
Niagara Falls, NY 14302

Subject: Draining and Grading Pond Area on Eastern Boundry of Niagara Plant

Dear Craig.

In my letter to you, dated September 10, 1986, I informed you that the pond area between Stratcor and L-Tec had been filled and graded. Polaroid pictures of the completed project were enclosed.

Now that you have had time to inspect the work would you signify that the job was completed to the satisfaction of Stratcor by having the second copy of this letter signed and returned to me.

This fulfills Item (1) of Exhibit E, Environmental Agreement (Niagara Falls) of the sales contract between Umetco and Stratcor which reads:  
"Appropriate remedial action will be taken with respect to the pond on the eastern boundary of the Niagara Falls Facility."

Very truly yours,

Donald J. Hansen

ACCEPTED:

Stratcor Corporation

By   
Title Gen Mgr - USV/Niagara Falls Director Environmental Health & Safety

cc. Messrs:

J. F. Frost  
T. J. Kagetsu  
F. V. McMillen  
D. G. Millenbruch  
R. L. Miller  
W. G. Beattie

UCCNHT0002123